

CIEG

Integrated Center of Applied Geotechnologies and Social Researches

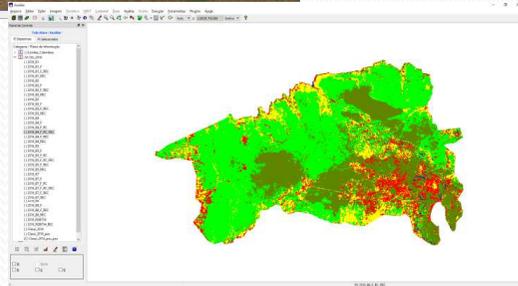
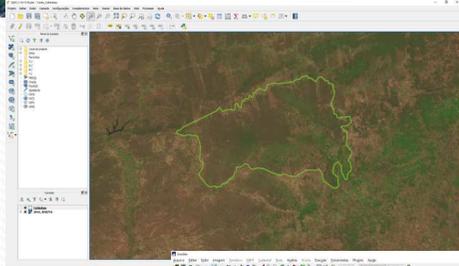
Geotechnologies & Social Statistics

www.fundaj.gov.br/cieg

cieg@fundaj.gov.br

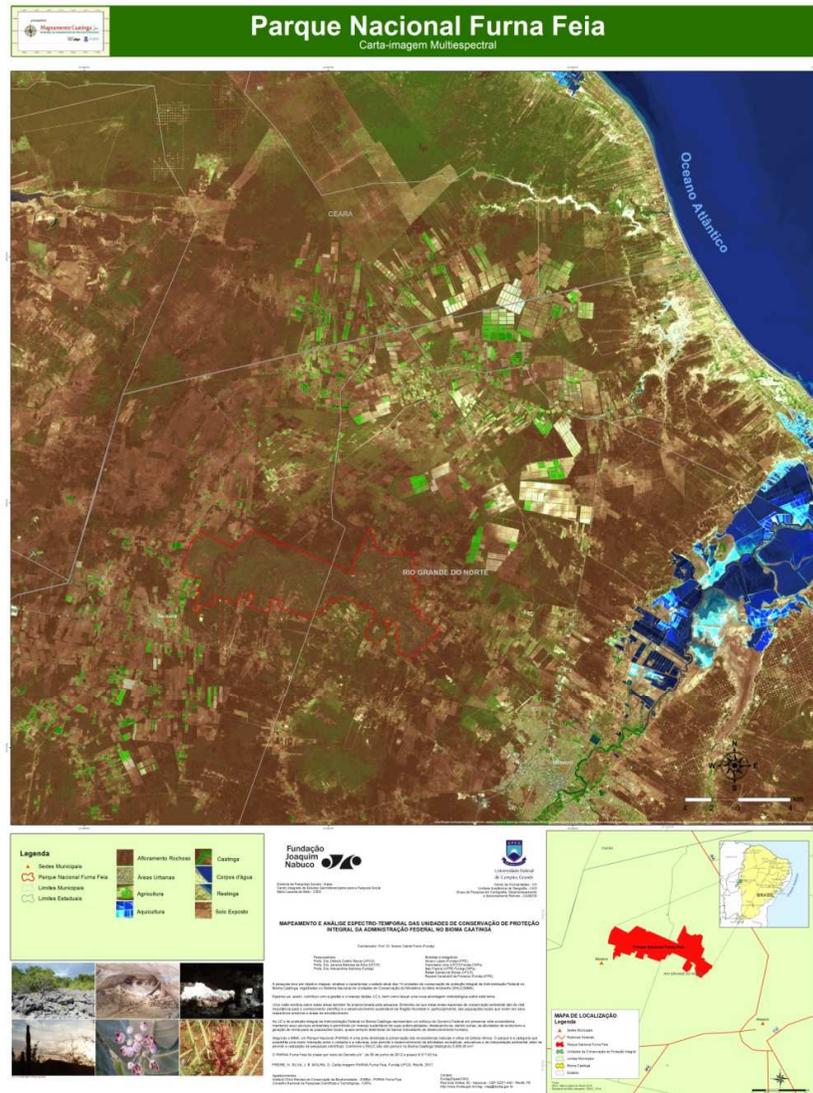



Geotechnologies Approaches



- Remote Sensing applied to environmental monitoring: areas of biodiversity conservation
- Climate Changes: cycles of carbon, water and energy
- Mapping of Coverage and Land Use: changes in standards
- Social Vulnerability and Natural Disasters: mapping risk areas

Researches & Training



- Research in Progress: Climate Changes at Caatinga Bioma
- Ability to receive five international new doctors in the areas of Remote Sensing and Economics
- Courses in Geoprocessing (G.I.S.), Remote Sensing and Environmental Monitoring using free data and software
- Courses in Hyperspectral Remote Sensing and Phytophysognomic Detection

Center of Studies in Social Statistics (NESS): Expertises

- Collection of primary socioeconomic information;
- Elaboration and analysis of databases;
- Application of statistical models for analysis of public policies and conjuncture;
- Qualitative-quantitative discourse analysis.

Concentration areas

- Educational evaluation;
- Analysis of educational policies;
- Social capital and development;
- Local systems and innovation;
- Inequality and poverty;
- Public health statistics.

Researches in Progress

- Longitudinal follow-up of the school performance of students from Recife's public elementary school system.
- Higher education in the interior of the Brazilian Northeast: effects on development.

Scientific Staff

- 3 PhD in Economics
- 1 PhD in Sociology
- 1 PhD in Public Health
- 1 PhD in Geography, Pos-PhD in Human and Social Sciences
- 14 trainees (Scientific Initiation and Professional Internship)